ISM LAB

DVWA

SANTHOSH KRISHNA R 21BCE1651

Installing DVWA

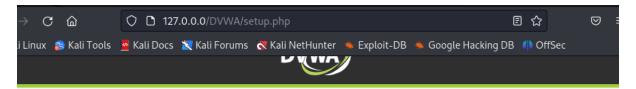
```
MariaDB [(none)]> grant all privileges on dvwa.* to 'userDVWA'@'127.0.0.1' identified by 'dvwa'; Query OK, 0 rows affected (0.001 sec)
 MariaDB [(none)]> cd /etc/php/7.4/apache2
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server v ersion for the right syntax to use near 'cd /etc/php/7.4/apache2 exit' at line 1
MariaDB [(none)]> exit
 (kali@kali)-[/var/www/html/DVWA/config]
php -v

PHP 8.2.4 (cli) (built: Mar 16 2023 14:24:40) (NTS)

Copyright (c) The PHP Group

Zend Engine v4.2.4, Copyright (c) Zend Technologies

with Zend OPcache v8.2.4, Copyright (c), by Zend Technologies
 (kali@ kali)-[/etc/php/8.2/apache2]
sudo nano php.ini
 (kali@kali)-[/etc/php/8.2/apache2]
sudo systemctl start apache2
    -(kali⊗kali)-[/etc/php/8.2/apache2]
         systemctl status apache2
apache2.service - The Apache HTTP Server
Loaded: loaded (/lib/systemd/system/apache2.service; disabled; preset: disabled)
Active: active (running) since Mon 2024-02-19 17:42:24 UTC; 23min ago
Docs: https://httpd.apache.org/docs/2.4/
Process: 16021 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
Main PID: 16046 (apache2)
Take: % (limit: 7225)
           Tasks: 8 (limit: 7225)
          Memory: 24.7M
CPU: 1.236s
          CGroup: /system.slice/apache2.service
                           —16046 /usr/sbin/apache2 -k start
—16049 /usr/sbin/apache2 -k start
                         -16050 /usr/sbin/apache2 -k start
-16050 /usr/sbin/apache2 -k start
-16052 /usr/sbin/apache2 -k start
-16053 /usr/sbin/apache2 -k start
-16053 /usr/sbin/apache2 -k start
-16275 /usr/sbin/apache2 -k start
Feb 19 17:42:23 kali systemd[1]: Starting apache2.service - The Apache HTTP Server...
Feb 19 17:42:23 kali apachectl[16037]: AH00558: apache2: Could not reliably determine the server's fully qualified >
Feb 19 17:42:24 kali systemd[1]: Started apache2.service - The Apache HTTP Server.
 zsh: suspended systemctl status apache2
 [/etc/php/8.2/apache2]
      -(kali®kali)-[/etc/php/8.2/apache2]
  sudo systemetl start apache2
```



Instructions

About

Database Setup 📏

Click on the 'Create / Reset Database' button below to create or reset your database. If you get an error make sure you have the correct user credentials in: /var/www/html/DVWA/config /config.inc.php

If the database already exists, it will be cleared and the data will be reset.

You can also use this to reset the administrator credentials ("admin // password") at any stage.

Setup Check

Web Server SERVER_NAME: 127.0.0.0

Operating system: *nix

PHP version: 8.2.4

PHP function display_errors: Disabled PHP function display_startup_errors: Disabled PHP function allow_url_include: Disabled

PHP function allow_url_fopen: Enabled
PHP module gd: Missing - Only an issue if you want to play with captchas
PHP module mysql: Installed

PHP module pdo_mysql: Installed

Backend database: MySQL/MariaDB Database username: userDVWA
Database password: ******* Database database: dvwa Database host: **127.0.0.1** Database port: 3306

reCAPTCHA key: Missing

Writable folder /var/www/html/DVWA/hackable/uploads/: Yes

Writable folder /var/www/html/DVWA/config: Yes

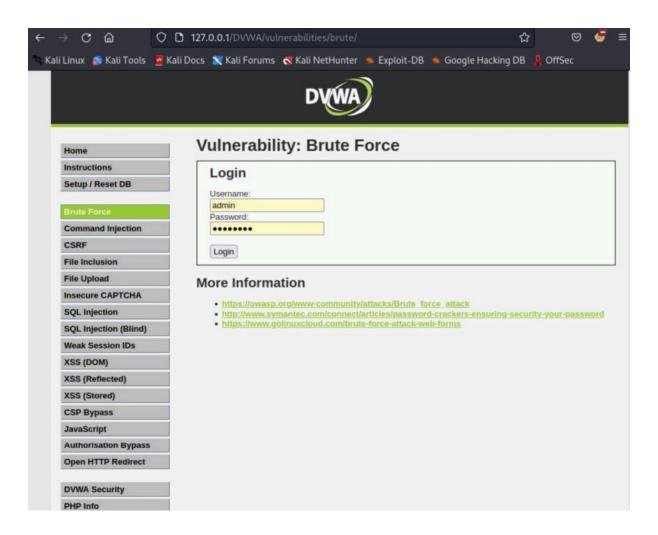
Status in red, indicate there will be an issue when trying to complete some modules.

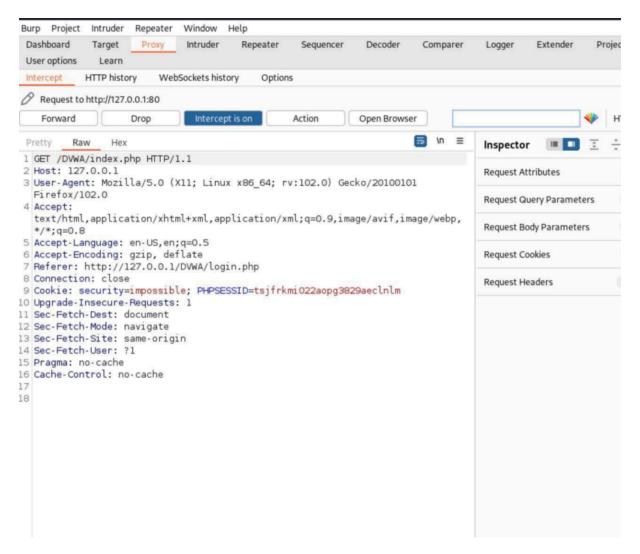
If you see disabled on either allow_url_fopen or allow_url_include, set the following in your php.ini file and restart

allow_url_fopen = On
allow_url_include = On

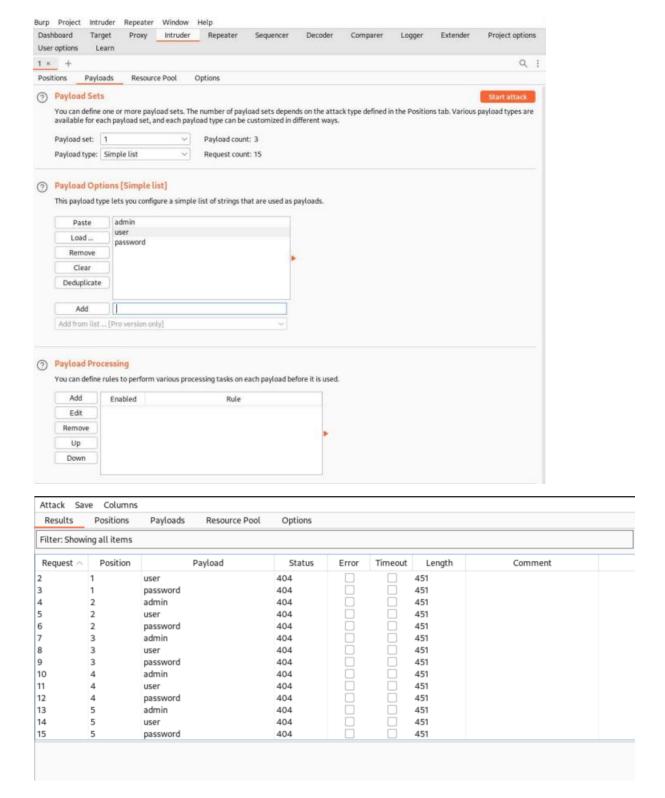
These are only required for the file inclusion labs so unless you want to play with those, you can ignore them.

Create / Reset Database

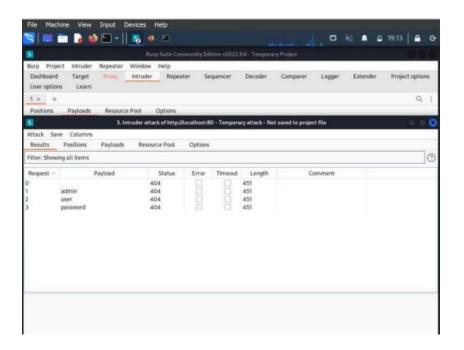




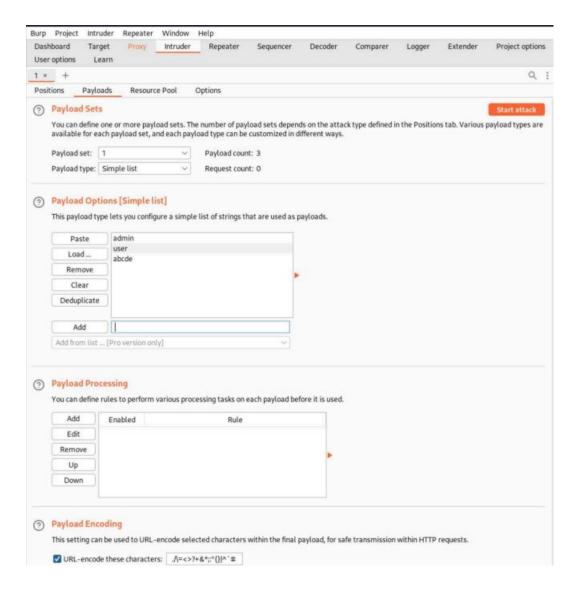
1) Sniper attack

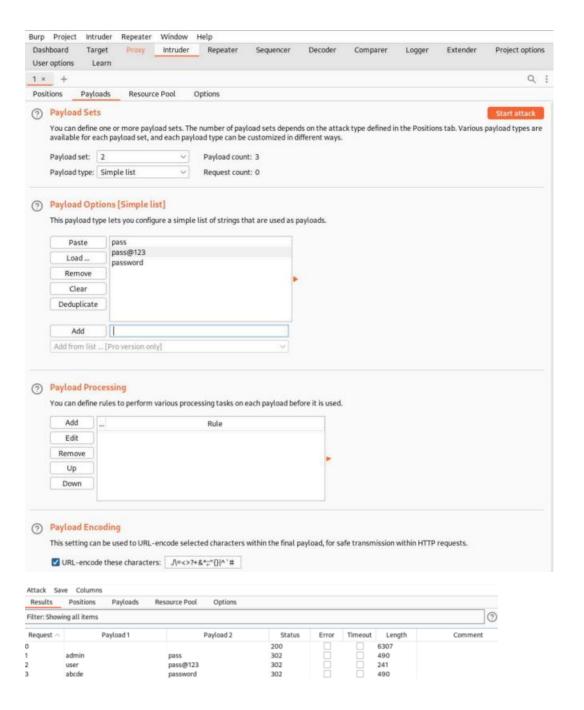


2) Battering Ram



3) Pitchfork





4) Clustering bomb

